

15 required to encode said transmitter or know said transmitter code;

a radio frequency receiver responsive to said radio frequency transmitter signal to provide receiver signals indicative of said transmitter code;

20 a system control unit disposed within said vehicle and having control over said vehicle antitheft apparatus, said control unit comprising:

a digital memory;

25 programming apparatus responsive to said receiver signals for recording in said memory only during a programming mode said transmitter code as a signature control signal for arming or disarming said vehicle antitheft apparatus;

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35 operating apparatus operable during a system security operating mode and responsive to said receiver signals for comparing said receiver signals to said recorded signature control signal and arming said vehicle antitheft apparatus upon a first receipt and recognition of receiver signals corresponding to said signature control signal, and for disarming said antitheft apparatus upon a second receipt and recognition of receiver signals corresponding to said signature control signal.

5 ~~2~~ 96. The vehicle security system of Claim ~~95~~ wherein said programming apparatus is operable in the program mode to record a plurality of different transmitter codes from a plurality of remote control transmitters as a plurality of different signature control signals, and wherein said operating apparatus is responsive to said receiver signals for comparing said receiver signals to each of said signature control signals to find a match, and arms said antitheft apparatus upon a first receipt and recognition of any

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- 10 one of said recorded signature control signals, and disarms said antitheft apparatus upon a second receipt and recognition of any one of said recorded signature control signals.

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97. The vehicle security system of Claim 96 wherein said plurality of transmitter codes includes a first transmitter code having N digital bits and a second transmitter code having M digital bits, and wherein N does not equal M.

*3*  
~~98.~~ The vehicle security system of Claim ~~95~~ wherein said system control unit includes a program switch disposed in said vehicle, and said system control unit is responsive to said switch for entering the program mode.

*4*  
~~99.~~ The vehicle security system of Claim ~~95~~ wherein said remote control transmitter is encoded with said transmitter code by the manufacturer thereof.

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*5*  
~~100.~~ The vehicle security system of Claim ~~95~~ wherein operating apparatus is further responsive to intrusion attempt signals from said sensor apparatus for activating said vehicle antitheft apparatus upon tripping of said sensor apparatus only when said antitheft apparatus is armed.

*6*  
~~101.~~ The vehicle security system of Claim ~~95~~ wherein said antitheft apparatus includes apparatus for disabling operation of said vehicle.

*7*  
~~102.~~ The vehicle security system of Claim ~~101~~ wherein said apparatus for disabling operation of said vehicle includes circuitry for disabling an ignition system of said vehicle.

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